

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Theel

Serial No.: 10/724,984

Filed: November 30, 2003

For: Method For Optimizing MRAM Circuit  
Performance

Art Unit: 2827

Examiner: Huan Hoang

Attorney Docket No.: 783403605018

RECEIVED  
CENTRAL FAX CENTER

NOV 03 2005

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

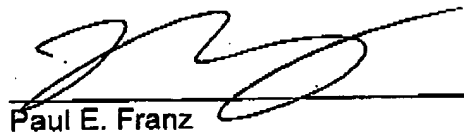
Sir:

This Statement is submitted in compliance with 37 C.F.R. § 1.56.

A list of patent(s) and/or publication(s) not previously submitted is set forth on the attached Form PTO-1449.

Any fees required for the proper filing of this Information Disclosure Statement should be withdrawn from Jones Day's Deposit Account No. 50-1432, account 783403605018.

Respectfully submitted,



Paul E. Franz  
Registration No. 45,910  
JONES DAY  
North Point  
901 Lakeside Avenue  
Cleveland, Ohio 44114  
(216) 586-3939

Date: 11/3/5

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/724,984
Filing Date	November 30, 2003
First Named Inventor	Wayne Theel
Art Unit	2827
Examiner Name	Huan Hoang
Attorney Docket Number	783403-605018

Sheet 1 of 1

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,946,227	08/1999	Peter K. Najl	
		US- 6,246,630	06/2001	Hosokawa, et al.	
		US- 6,341,084	01/2002	Numata, et al.	
		US- 6,385,111	05/2002	Tran, et al.	
		US- 6,407,946	06/2002	Maruyama, et al.	
		US- 6,590,804	07/2003	Frederick A. Perner	
		US- 6,674,679	01/2004	Perner, et al.	
		US- 6,795,340	09/2004	Sakimura, et al.	
		US- 6,803,615	10/2004	Sin, et al.	
		US- 6,804,144	10/2004	Yoshihisa Iwata	
		US- 6,873,543	03/2005	Smith, et al.	
		US- 2004-0085122	05/2004	Perner, et al.	
		US- 2004-0228170	11/2004	Brannan, et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>o</sup>
		Country Code <sup>3</sup> Number * Kind Code <sup>6</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 808. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.